

| L Number | Hits | Search Text   | DB                             | Time stamp       |
|----------|------|---|--------------------------------|------------------|
| 1        | 326  | ((356/319).CCLS.)   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 13:44 |
| 2        | 25   | ((356/319).CCLS.) and (ultraviolet or<br>integrating near3 sphere)  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 13:45 |
| 3        | 3474 | ((250/339.01-343).CCLS.)  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 13:47 |
| 4        | 1114 | ((250/339.01-343).CCLS.) and (composition<br>or material) same (detector or photod\$8 or<br>photomultiplier)  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 13:48 |
| 5        | 1048 | ((250/339.01-343).CCLS.) and (material;<br>same (detector or photod\$8 or<br>photomultiplier)   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 13:49 |
| 6        | 5    | ((250/339.01-343).CCLS.) and (material)<br>same (detector or photod\$8 or<br>photomultiplier) and composition near3<br>ratio  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 13:50 |
| 7        | 24   | ((250/339.01-343).CCLS.) and (ingaas and<br>(si or silicon)) same detector  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 13:52 |
| 8        | 36   | ((250/339.01-343).CCLS.) and (two or<br>plurality) near2 (detector or photod\$8;<br>same (si or silicon or ingaas or pbs)   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 13:54 |
| 9        | 41   | ((250/339.01-343).CCLS.) and (two or<br>plurality) near2 (detector or photod\$8;<br>same (si or silicon or ingaas or pbs\$2)  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 13:55 |
| 10       | 16   | ((250/339.01-343).CCLS.) and detector same<br>photodiode same (linear\$3 or side near2<br>side or adjacent) and detector same (pbs\$2<br>or ingaas or si or silicon)  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 13:56 |
| 11       | 1    | ((250/339.01-343).CCLS.) and photodiode<br>near3 (linear\$3 or side near2 side or<br>adjacent or next) near4 detector near3<br>(pbs\$2 or ingaas or si or silicon)  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 13:57 |
| 12       | 0    | ((250/339.01-343).CCLS.) and<br>photomultiplier near3 (linear\$3 or side<br>near2 side or adjacent or next) near4<br>detector near3 (pbs\$2 or ingaas or si or<br>silicon)                                    | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 13:58 |
| 13       | 0    | ((250/339.01-343).CCLS.) and detector<br>near3 (pbs\$2 or ingaas or si or silicon)<br>near3 (linear\$3 or side near2 side or<br>adjacent or next) near4 detector near3<br>(pbs\$2 or ingaas or si or silicon) | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 13:59 |
| 14       | 0    | ((250/339.01-343).CCLS.) and detection<br>near3 elements same base near2 material   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 14:00 |
| 15       | 2744 | ((250/226,214.1,214.r).CCLS.)   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 14:01 |
| 16       | 694  | ((250/226,214.1,214.r).CCLS.) and color   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 14:02 |
| 17       | 462  | ((250/226,214.1,214.r).CCLS.) and color)<br>and (detector or photod\$8)   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 14:03 |
| 18       | 172  | ((250/226,214.1,214.r).CCLS.) and color)<br>and (detector or photod\$8) and (ingaas or<br>silicon or si or pbs\$2)  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 14:04 |
| 20       | 10   | ((250/226,214.1,214.r).CCLS.) and spectral<br>near2 sensitivity   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 14:05 |
| 21       | 0    | ((250/226,214.1,214.r).CCLS.) and<br>spectral near2 sensitivity and<br>composition near2 ratio  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 14:06 |
| 22       | 32   | ((250/226,214.1,214.r).CCLS.) and<br>spectral near2 sensitivity) and<br>composition   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 14:07 |

|    |      |   |                                |                  |
|----|------|---|--------------------------------|------------------|
| 23 | 31   | ((250/226,214.1,214.r).CCLS.) and different near2 spectral near2 sensitivity  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 10:45 |
| 24 | 14   | ((250/226,214.1,214.r).CCLS.) and different near2 spectral near1 sensitivity; and (ingaas or silicon or si or pbs\$2).                            | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 10:44 |
| 25 | 1049 | ((356/319 or 356/319).CCLS.)  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 10:45 |
| 26 | 118  | ((356/319 or 356/319).CCLS.) and different near2 spectral near2 sensitivity   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 10:45 |
| 27 | 53   | ((((250/3) or (356/3)).CCLS.) and different near2 spectral near2 sensitivity) and (ingaas or silicon or si or pbs\$2)                             | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 10:46 |
| 28 | 47   | ((((250/3) or (356/3).CCLS.) and different near2 spectral near2 sensitivity; and (ingaas or silicon or si or pbs\$2)) and (detector or photod\$8) | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/26 10:46 |
| -  | 589  | spectrophotometer and integrating near3 sphere  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 10:44 |
| -  | 52   | (spectrophotometer and integrating near3 sphere) and (detector or photod\$8) near2 array  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 10:44 |
| -  | 31   | ((spectrophotometer and integrating near3 sphere) and (detector or photod\$8) near2 array) and window   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 10:40 |
| -  | 982  | spectro\$10 and integrating near3 sphere  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 10:41 |
| -  | 21   | (spectrophotometer and integrating near3 sphere) and (detector) same semiconductor  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 10:42 |
| -  | 32   | (spectro\$10 and integrating near3 sphere) and (detector) same semiconductor  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 10:42 |
| -  | 326  | ((356/319).CCLS.)   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 11:04 |
| -  | 22   | ((356/319).CCLS.) and integrat\$4 near3 sphere\$4   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 13:59 |
| -  | 21   | ((356/319).CCLS.) and integrating near3 sphere  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 10:45 |
| -  | 1    | ((356/319).CCLS.) and integrat\$4 near3 sphere\$4) not ((356/319).CCLS.) and integrating near3 sphere)  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 14:26 |
| -  | 2464 | detector same semiconductor   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 14:26 |
| -  | 4-3  | Detector same semiconductor, same composition   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 14:34 |
| -  | 13   | (detector same semiconductor) same composition) and spectral near3 sensitivity  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 14:27 |
| -  | 11   | (detector same semiconductor, same composition near ratio   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 10:13 |
| -  | 2343 | Integrat\$4 near3 sphere\$4   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 11:14 |
| -  | 245  | (Integrat\$4 near2 sphere\$4) and window or aperture  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 11:14 |

|   |        |   |                                |                  |
|---|--------|---|--------------------------------|------------------|
| - | 46     | ((integrat04 near2 sphere\$4, and (window or aperture) and detector same semiconductor  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 16:06 |
| - | 347    | integrating near2 sphere  | EPG; JPO                       | 2003/02/24 16:06 |
| - | 36     | ((integrating near2 sphere) and spectrophotometer   | EPG; JPO                       | 2003/02/24 16:06 |
| - | 311    | ((356/3,359/3).CCLS.) and integrating near3 sphere  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 16:06 |
| - | 3      | ((356/3,359/3).CCLS.) and detector same substrate and window  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 16:06 |
| - | 106634 | ((356/3, or (359/3).CCLS.   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 16:06 |
| - | 592    | ((356/3, or (359/3).CCLS.) and detector same substrate and window   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 16:06 |
| - | 24     | ((356/3, or (359/3).CCLS.) and detector near3 (array or plurality or many or elements) and window and substrate and spectral near2 sensitivity  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 16:06 |
| - | 3874   | ((356/236,55; or (356/390-326; or (250/228)).CCLS.  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 16:06 |
| - | 289    | ((250/228) or (356/236)).CCLS.  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/24 16:07 |
| - | 0      | 5760890.URPN.   | USPAT                          | 2003/02/25 09:25 |
| - | 0      | 5760890.URPN.   | USPAT                          | 2003/02/25 09:25 |
| - | 3      | ("3786744"   "5098187"   "5190163").PN.   | USPAT                          | 2003/02/25 09:25 |
| - | 5      | 4725893.URPN.   | USPAT                          | 2003/02/25 09:25 |
| - | 31     | ((250/228) or (356/236)).CCLS.) and (detector or photod\$8, and \$photometer  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/25 09:25 |
| - | 35     | ((250/228) or (356/236)).CCLS.) and (detector or photod\$8) near2 (plurality or multiple or array or elements)  | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/25 10:00 |
| - | 19     | ((250/228) or (356/236)).CCLS.) and (detector or photod\$8; and \$photometer) not ((250/228) or (356/236)).CCLS.) and (detector or photod\$8) near2 (plurality or multiple or array or elements);   | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/25 10:12 |
| - | 31     | (US-5923039-\$ or US-5422483-\$ or US-5898181-\$ or US-5533509-\$ or US-6424413-\$ or US-5369481-\$ or US-6369883-\$ or US-6275285-\$ or US-6226085-\$ or US-5760890-\$ or US-5164844-\$ or US-4692409-\$ or US-4725893-\$ or US-6061140-\$ or US-6413796-\$ or US-6407767-\$ or US-6517950-\$ or US-6514291-\$ or US-5517311-\$ or US-517-227-\$ or US-4770530-\$ or US-4439038-\$ or US-4076421-\$;did. or (US-20020193601-\$ or US-2002018203-\$ or US-20030035120-\$ or US-20030011767-\$ or US-20020198441-\$ or US-20020149773-\$ or US-2002018146-\$ or US-2002-197740-\$;did. | USPAT;<br>US-PGPUB             | 2003/02/25 13:40 |

|   |    |  |                                |                  |
|---|----|--|--------------------------------|------------------|
| - | 27 | ((US-5923039-\$ or US-5422483-\$ or<br>US-5898181-\$ or US-5533509-\$ or<br>US-6424413-\$ or US-5369481-\$ or<br>US-6369883-\$ or US-6275295-\$ or<br>US-6226085-\$ or US-5760890-\$ or<br>US-5164844-\$ or US-4892409-\$ or<br>US-4725893-\$ or US-6061140-\$ or<br>US-6413786-\$ or US-6497767-\$ or<br>US-6207956-\$ or US-6028905-\$ or<br>US-5517315-\$ or US-5179222-\$ or<br>US-4770530-\$ or US-4439038-\$ or<br>US-4076421-\$).did. or (US-20020193671-\$ or<br>US-20020018203-\$ or US-20030035120-\$ or<br>US-20030011767-\$ or US-20020198441-\$ or<br>US-20020149773-\$ or US-20020015146-\$ or<br>US-20020197740-\$).did.) and (detector or<br>photod\$) and sphere      | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/25 14:46 |
| - | 29 | ((US-5923039-\$ or US-5422483-\$ or<br>US-5898181-\$ or US-5533509-\$ or<br>US-6424413-\$ or US-5369481-\$ or<br>US-6369883-\$ or US-6275295-\$ or<br>US-6226085-\$ or US-5760890-\$ or<br>US-5164844-\$ or US-4892409-\$ or<br>US-4725893-\$ or US-6061140-\$ or<br>US-6413786-\$ or US-6497767-\$ or<br>US-6207956-\$ or US-6028905-\$ or<br>US-5517315-\$ or US-5179222-\$ or<br>US-4770530-\$ or US-4439038-\$ or<br>US-4076421-\$).did. or (US-20020193671-\$ or<br>US-20020018203-\$ or US-20030035120-\$ or<br>US-20030011767-\$ or US-20020198441-\$ or<br>US-20020149773-\$ or US-20020015146-\$ or<br>US-20020197740-\$).did.) and (detector or<br>photod\$)                 | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/25 14:46 |
| - | 20 | ((US-5923039-\$ or US-5422483-\$ or<br>US-5898181-\$ or US-5533509-\$ or<br>US-6424413-\$ or US-5369481-\$ or<br>US-6369883-\$ or US-6275295-\$ or<br>US-6226085-\$ or US-5760890-\$ or<br>US-5164844-\$ or US-4892409-\$ or<br>US-4725893-\$ or US-6061140-\$ or<br>US-6413786-\$ or US-6497767-\$ or<br>US-6207956-\$ or US-6028905-\$ or<br>US-5517315-\$ or US-5179222-\$ or<br>US-4770530-\$ or US-4439038-\$ or<br>US-4076421-\$).did. or (US-20020193671-\$ or<br>US-20020018203-\$ or US-20030035120-\$ or<br>US-20030011767-\$ or US-20020198441-\$ or<br>US-20020149773-\$ or US-20020015146-\$ or<br>US-20020197740-\$).did.) and (photometer<br>and (detector or photod\$) | USPAT;<br>US-PGPUB;<br>DERWENT | 2003/02/25 14:46 |

| Line | Text  | USPAT; | US-PGPUB; | DERWENT | EPO; JPO | USPAT; | US-PGPUB; | DERWENT | EPO; JPO |
|------|---|--------|-----------|---------|----------|--------|-----------|---------|----------|
| 11   | US-5899111-0 or US-5899112-0 or US-6424413-0 or US-6369683-0 or US-6226085-0 or US-5164844-0 or US-4725893-0 or US-6413786-0 or US-6267956-0 or US-5517315-0 or US-4770530-0 or US-4976421-0).did. or (US-20020193671-0 or US-2002018203-0 or US-20030035126-0 or US-20030011767-0 or US-20020198441-0 or US-20020149773-0 or US-2002015146-0 or US-20020197740-0).did.) not  |        |           |         |          |        |           |         |          |
| 12   | (US-5899111-0 or US-5899112-0 or US-6424413-0 or US-6369683-0 or US-6226085-0 or US-5164844-0 or US-4725893-0 or US-6413786-0 or US-6267956-0 or US-5517315-0 or US-4770530-0 or US-4976421-0).did. or (US-20020193671-0 or US-2002018203-0 or US-20030035126-0 or US-20030011767-0 or US-20020198441-0 or US-20020149773-0 or US-2002015146-0 or US-20020197740-0).did.) and \$photometer and (detector or photod\$) |        |           |         |          |        |           |         |          |
| 13   | 5164844.URPN.   | USPAT; |           |         |          | USPAT; |           |         |          |
| 14   | spectrophotometer and integrating near2 sphere and (detector or photod\$8) and switch\$   | USPAT; |           |         |          | USPAT; |           |         |          |
| 15   | spectrophotometer and integrating near2 sphere and (detector or photod\$8) same switch\$  | USPAT; |           |         |          | USPAT; |           |         |          |
| 16   | spectrophotometer and integrating near2 sphere and (detector or photod\$8)  | USPAT; |           |         |          | USPAT; |           |         |          |
| 17   | "5164844".JPH.  | USPAT; |           |         |          | USPAT; |           |         |          |
| 18   | spectrophotometer and integrat\$ near4 spher\$4 and (detector or photod\$8) same spectr\$4 and switch\$3 near5 wavelength   | USPAT; |           |         |          | USPAT; |           |         |          |
| 19   | spectrophotometer and integrat\$ near4 spher\$4 and (detector or photod\$8) same switch\$3 near5 wavelength   | USPAT; |           |         |          | USPAT; |           |         |          |
| 20   | spectrophotometer and integrat\$ near4 spher\$4 and (detector or photod\$8) same switch\$3 near5 wavelength. not  | USPAT; |           |         |          | USPAT; |           |         |          |
| 21   | spectrophotometer and integrat\$ near4 spher\$4 and (detector or photod\$8) same spectr\$4 and switch\$3 near5 wavelength   | USPAT; |           |         |          | USPAT; |           |         |          |
| 22   | Ulrich: near2 sphere and spectrophotometer  | USPAT; |           |         |          | USPAT; |           |         |          |
| 23   | Ulrich: near2 sphere  | USPAT; |           |         |          | USPAT; |           |         |          |
| 24   | Ulrich: near2 sphere and (detector or photod\$8) or photomultiplier   | USPAT; |           |         |          | USPAT; |           |         |          |
| 25   | Ulrich: near2 sphere and (detector or photod\$8) or photomultiplier   | USPAT; |           |         |          | USPAT; |           |         |          |